State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-2900 FAX (603) 271-2456

March 2, 1998

Mr. Harley F. Laing, Director
Office of Site Remediation and Restoration
USEPA Region I
JFK Federal Building
1 Congress Street
Boston, MA 02203-2211

RE: **SEABROOK**, Site Archival Letter, K.J. Quinn & Co., Inc., CERCLIS#:NHD048722466 (DES#:198405038)

Dear Mr. Laing:

The New Hampshire Department of Environmental Services (Department) hereby requests that the subject site receive a "Low Priority" archival by the United States Environmental Protection Agency (USEPA).

SUMMARY

The site was listed on CERCLIS in May 1980 and has undergone four investigations. A Preliminary Assessment in July 1980, a soil gas survey in 1988, a Screening Site Inspection in November 1991, and a Site Inspection Prioritization in March 1996.

K.J. Quinn & Co. Inc., has manufactured both water and solvent based thermoplastic polyurethanes, polyurethane resins, and protective and decorative coatings at the site since 1967. Drums of waste were reported to have been disposed on-site in 1978. Upon inspection by the Department, a 21,000 cubic foot pit containing buried, open-topped, 55 gallon drums was found. In August 1980 the drums were removed, clean fill was imported, groundwater monitoring wells were installed and a groundwater remediation program consisting of groundwater recovery, air stripping, and recirculation was initiated. The program was terminated in 1991, and the Department closed the site in April 1993 based upon monitoring results showing no contamination above the Department's Ambient Groundwater Quality Standards (AGQS) and no remaining source being present.

Between 1983 and 1993, analysis of groundwater at the site for Volatile Organic Compounds (VOCs) detected seventeen different contaminants with maximum concentrations totaling over 15,000 ppb. Over time, there has been a consistent decrease in contaminants and concentrations to below AGQS. Off-site monitoring wells were installed in 1983, with one well having VOC concentrations totaling over 16,675 ppb. By November 1987, only one contaminant was detected in this same well at a concentration of 15 ppb, well below AGQS. Based on the information currently available, this site has minimal potential to impact public health or the environment.

Therefore, given the information currently available, the Department believes that:

1. This site is not an appropriate candidate for listing and no further steps should be taken to list the site on the NPL.

2. Past analytical results indicate the site has been effectively remediated. The site does not pose a substantial threat to human health or the environment in its current state.

The Department offers the following to provide additional information and allow USEPA to respond to this request more quickly.

The site's primary exposure route for public health risk is the migration of contaminants through the groundwater and surface water pathways. The nearest residence is approximately 200 feet east of the subject site. A soil gas survey was performed in 1988 and did not detect the presence of VOCs. An estimated 17,565 individuals are served by public and private water supply wells within a 4-mile radius of the site. Less than 1 mile from the site are the Salisbury, MA, public supply wells which serve an estimated 6,000 individuals. Within 0.25 miles of the site approximately ten individuals are supplied by private wells. There are no drinking water intakes within the 15-mile downstream surface water pathway. The Department believes that the groundwater and surface water pathways do not represent a public health exposure potential based on the analytical data showing groundwater to be in compliance with AGQS.

The primary environmental threat is also through the migration of contaminants through the groundwater and surface water pathways. The fifteen mile downstream surface water pathway includes Cains Brook, Mill Creek, Hampton Harbor, and terminates in the Atlantic Ocean. The entire length of the surface water pathway may be considered a fishery. There are 5.8 miles of wetlands frontage and six species or communities listed as endangered, threatened, or potentially threatened which may reside along this pathway. The Department believes that the groundwater and surface water pathways do not represent an environmental exposure potential based on the analytical data showing groundwater to be in compliance with AGQS. The last on-site reconnaissance was conducted by EPA's contractor on May 8, 1995. The Department currently lists this site as closed.

The Department believes that State oversight programs have sufficiently remediated the site which poses little threat to public health or the environment. Please address the site archival letter to:

Mr. Samuel Gray
K.J. Quinn & Co., Inc.
135 Folly Mill Road
Seabrook, NH 03874

Your prompt attention to this letter would be greatly appreciated. If you have any questions regarding this request, please contact Anthony Giunta at (603) 271-6645.

Sincerely,

Harry T. Stewart, P.E., Chief Engineer
Site Remediation Programs

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cc: Philip J. O'Brien, Ph.D., Director, WMD, NHDES
Don Smith, USEPA
Carl Baxter, P.E., NHDES
John Regan, NHDES
Anthony Giunta, NHDES
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Joseph Donovan, NHDES
Don Smith, USEPA
Samuel P. M. Gray, K.J. Quinn & Co, Inc.
E. Russell Bailey, Seabrook Town Manager